

22. (New) An arrangement according to claim 21 wherein the piezoelectric resonator has a first excitation electrode and a first electrically conductive strip extending from the first excitation electrode to the lateral surface whereby the first electrical contact surface operably contacts the first electrically conductive strip when the piezoelectric element is clamped between the first and second mounting elements.

23. (New) An arrangement according to claim 22, wherein the first electrically conductive strip extends radially from the first excitation electrode to the lateral surface.

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24. (New) An arrangement according to claim 21 wherein the first mounting force is directed essentially radially to a center of the resonator.

25. (New) An arrangement according to claim 21 wherein the second mounting element presses on the piezoelectric resonator with a second mounting force and the second mounting force is essentially in one plane with the piezoelectric resonator.

26. (New) An arrangement according to claim 25 wherein the piezoelectric resonator has a second excitation electrode and a second electrically conductive strip extending from the second excitation electrode to a lateral surface.

27. (New) An arrangement according to claim 26 wherein the second mounting element has a second contact surface, wherein the second electrical contact surface operably contacts the second electrically conductive strip when the piezoelectric element is clamped between the first and second mounting elements.

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28. (New) An arrangement according to claim 27, wherein the first and second electrical contact surfaces are operably connected to means for measuring electrical resistance.

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29. (New) An arrangement according to claim 27, wherein the first and second electrical contact surfaces are connected to means for production and regulation of a current flow.

30. (New) An arrangement according to claim 21, wherein at least one of the first and second mounting elements is mounted on a base in an elastically resilient fashion.

31. (New) An arrangement according to claim 21, wherein at least one of the first and second mounting elements is connected with a base structure in an elastically resilient fashion.

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32. (New) An arrangement according to claim 21, wherein at least one of the first and second mounting elements is made up of an essentially rigid part and an essentially elastic part, whereby the elastic part is located closer to a base structure on which the mounting element is mounted.

33. (New) An arrangement according to claim 21, wherein at least one of the first and second mounting elements is constructed as an oblong mounting arm having at least one essentially rigid longitudinal segment and one essentially elastically deformable segment.

34. (New) An arrangement according to claim 21, wherein at least one essentially rigid mounting element is mounted in a resilient fashion to the base structure by means of an elastic element.

35. (New) An arrangement according to claim 21, wherein the first and second mounting elements are positioned to determine a definite orientation of the installed resonator.

36. (New) An arrangement according to claim 21, wherein at least one of the first and second mounting elements is manufactured from ceramic material.

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37. (New) An arrangement according to claim 36, wherein the first and second mounting elements are mounted on a base structure and the base structure is manufactured from a ceramic material.

38. (New) An arrangement according to claim 37, wherein the first mounting element, the second mounting element and the base structure collectively comprise a one-piece construction.

39. (New) An arrangement according to claim 21, wherein the first electrical contact surface is made of direct coatings of electrically conductive materials.

Remarks

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) and 1.84(p)(5). Applicant has revised the drawings and the specification to comply with these provisions. The drawings were further rejected under 37 CFR 1.83(a) as not showing every feature of the invention. Applicant respectfully submits that the first conducting strip and the second conducting strips are shown in revised Figure 2 and Figure 3 as element 4. Other features objected to by the Examiner as not being disclosed in the drawings have been amended or removed from the claims. Therefore, Applicant respectfully submits the claims are now in condition for allowance.

Claims 1-20 stand rejected under 35 U.S.C. 112 as being indefinite. Claims 1-20 also stand rejected under 35 U.S.C. 103(a) as being unpatentable over Zumeris in view of Yoshinaga. Applicant notes that claims 18-20 were previously cancelled in a preliminary amendment mailed on June 12, 2001. Applicant now also deletes Claims 1-17 without prejudice or disclaimer and replaces them with Claims 21-39. Applicant submits that new claims 21-39 overcome the 112 rejections stated in the office action. Applicant also respectfully traverses the examiner's 103(a) objections to the claims.